IRDE-12561B3-01D-13

4IZ Cuboid

User Manual

Products Introduction

IRDE-12561B3-01D-13 is 4IZ Cuboids which contain 64 pieces of low power R, G, B, and W LED. It has five kinds of work modes, such as DMX, auto, audio, sound, slave unit and testing. It can connect itself and make the laser and strobe effect. It is a kind of LED effect light which is cheap, easy to operate, good effect, convenient to installing and suitable to each kind of recreation and home.

Please read this manual before use and keep it for your future reference.

Note:

Caustic or deliquescent chemical can cause damage to the housing.

The operation temperature must be below 40 ℃,humidity is 0~95％. If it is used out of this range, the lifespan of the fixture will be shortened.

Indoor Use Only

Warning

When the product is in the package box, please do not connect it to the power.

To make sure of the safety, please do not connect to the high voltage power before installation.

User can not take apart the fixture. If there is any problem with the fixture, please ask professional staff to repair.

The input voltage need to match the voltage the fixture requested.

The Bill of Container

- IRDE-12561B3-01D-13 4IZ Cuboid--- 1 piece
- User Manual------ 1 piece
- Power Cable------ 1 piece

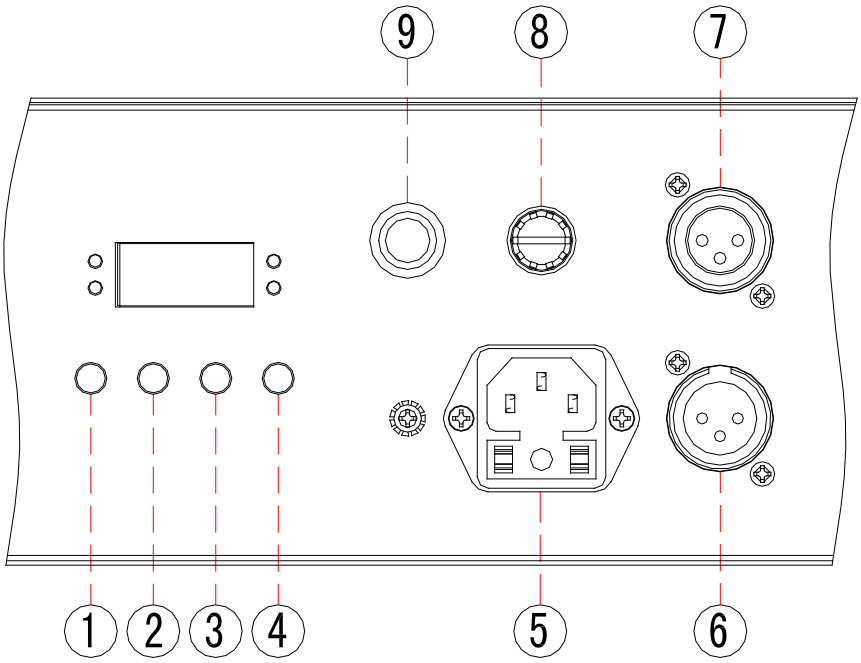
Specification

1、 Power supply: AC100-120V
2、 Power：20 W
3、 Light source: 64 pieces of Φ5 red, green, blue and white LED.
4、 Functions: DMX, auto, audio, slave unit, and memory.
5、 DMX channels: 4
6、 Dimension: 930x175x203mm
7、 Net weight: 5.5 KG

Operation Introduction

一、The Board Introduction:

1、MENU 2、UP 3、DOWN 4、Enter 5、Power input / FUSE 6、DMX Input 7、DMX Output 8、Sensitivity 9、MIC



二、Power-on reset:

The system will be reset when power-on. The display interface is as follows. After showing for 2 seconds, it will come into the work mode of last time before shutting down the unit. For example: it was DMX mode before shutting down the unit, and the address is 001, so the display interface when electrifying is as follows:

A001

三、The Slave Mode:

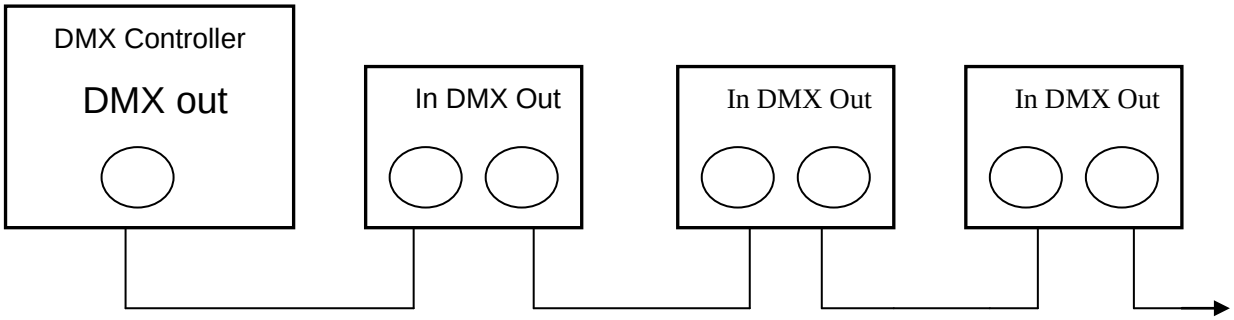
1. The Address Setting of DMX:

Please press MENU continually and the work mode will change automatically. When the work mode changes into DMX please loosen MENU and it will come into DMX work mode display. Then, please press UP or DOWN to modify the DMX address. If you continue to press UP or DOWN, it can plus and minus fast and the address extension is from 001 to 512, then you can press ENTER to confirm it.

2、The Tie-in Pin definition of DMX:

Pin1 = Ground　　Pin2 = DMX-　　Pin3 = DMX+

3、The approaches to connecting DMX are as follows:



4. DMX Functional Table:

CH1	CH2	CH3	CH4
0-40 (The light is crunching out)	---------	---------	---------
41-80（The red is bright）	（0-7）No strobe （8-255）Strobe	---------	---------
81-120（The green is bright）	（0-7）No strobe （8-255）Strobe	---------	---------
121-160（The blue is bright）	（0-7）No strobe （8-255）Strobe	---------	---------
161-200（The white is bright）	（0-7）No strobe （8-255）Strobe		
201-240 (Auto)	0-29 Choosing program 1	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	30-59 Choosing program 2	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	60-89 Choosing program 3	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	90-119 Choosing program 4	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	120-149 Choosing program 5	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	150-179 Choosing program 6	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	180-209 Choosing program 7	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	210-239 Choosing program 8	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
	240-255 Choosing program 9	Speed controlling 0-255 from slow to fast	（0-7）No strobe（8-255）Strobe
241-255 （Audio）	0-29 Choosing program 1	---------	---------
	30-59 Choosing program 2	---------	---------
	60-89 Choosing program 3	---------	---------
	90-119 Choosing program 4	---------	---------

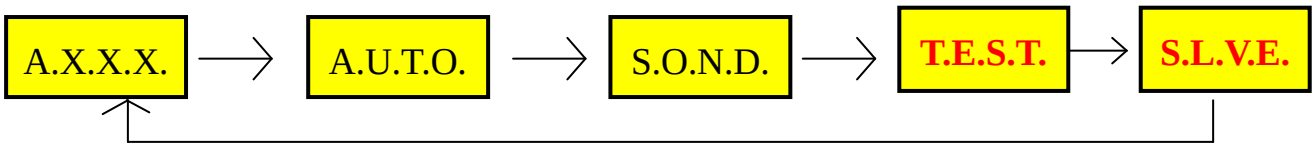
	120-149 Choosing program 5	---------	---------
	150-179 Choosing program 6	---------	---------
	180-209 Choosing program 7	---------	---------
	210-239 Choosing program 8	---------	---------
	240-255 Choosing program 9	---------	---------

DMX Slave Test:

Please use the 3-pin DMX connecting cable to connect each unit according to the upper drawing. Each unit should be under DMX work mode and the receiving address should be the same (the available extension: 001-512). After connecting the DMX signal, they will run at the same time.

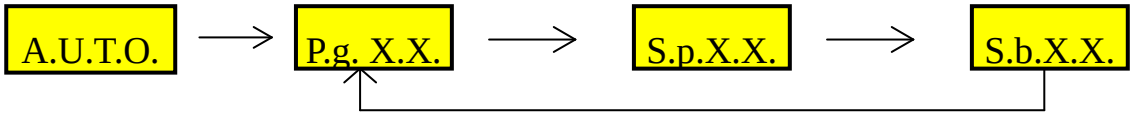
四、The Master Mode:

Please continue to press MENU and the work mode will switch automatically, at the same time, the dot will flick, then, please press ENTER to come into the relevant mode, then the dot will crunch out.



1、 Auto Mode:

Please press MENU continually and the work mode will switch automatically. At the same time, the dot will flick. When the work mode changes into AUTO mode please loosen MENU and it will come into AUTO work mode. Press MENU to choose different specification interfaces. The drawing is as follows. Then, please press UP or DOWN to modify the relevant specification. If you continue to press UP or DOWN, it can plus and minus numbers fast. Then you can press ENTER to confirm it. At last, the dot will crunch out.



Specification Introduction:

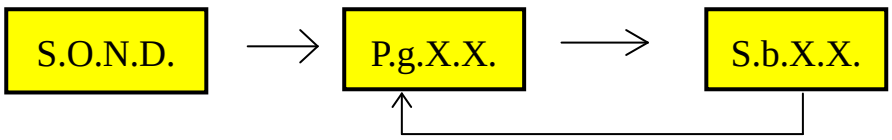
Prg XX(01~9): Choose the inner program and there are 9 pieces of inner programs which can be chosen.

Spd XX(01~10): Choose the inner program to run speed and there are 10 levels of speeds which can be chosen. 01 is the fastest, 10 is the slowest.

Stb XX(00~10): Choose the strobe times of the inner program for each step (0: no strobe)

2、The Audio Mode:

Please press MENU continually and the work mode will switch automatically. At the same time, the dot will flick. When the work mode changes into SOUND mode please loosen MENU and it will come into SOUND work mode. Press MENU to choose different specification interfaces. The drawing is as follows. Then, please press UP or DOWN to modify the relevant specification. If you continue to press UP or DOWN, it can plus and minus numbers fast. Then you can press ENTER to confirm it. At last, the dot will crunch out.



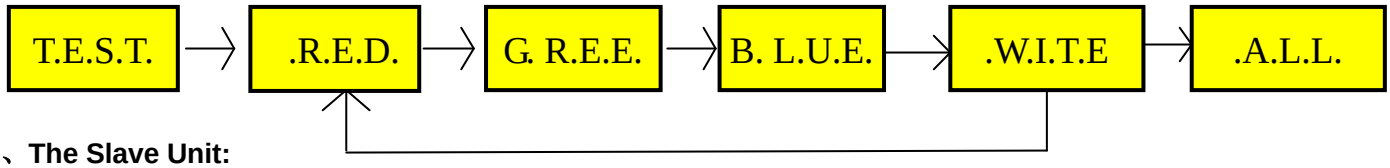
Specification Introduction：

Prg XX(01~9): Choose the inner program and there are 9 pieces of inner programs which can be chosen.

Stb XX(00~10): Choose the inner programs of the strobe times for each step (0: no strobe).

3.Test Mode:

Please press MENU continually and the work mode will switch automatically. At the same time, the dot will flick. When the work mode changes into TEST mode please loosen MENU and it will come into TEST work mode. Press MENU to choose different specification interfaces. The drawing is as follows. Then, please press UP or DOWN to modify the relevant specification. If you continue to press UP or DOWN, it can plus and minus numbers fast. Then you can press ENTER to confirm it. At last, the dot will crunch out.



3、The Slave Unit:

Please press MENU continually and the work mode will switch automatically. At the same time, the dot will flick. When the work mode changes into SLAVE mode please loosen MENU and it will come into SLAVE work mode. Then you can press ENTER to confirm it. At last, the dot will crunch out.

Self-connecting Unit Function: Under the auto and audio mode, the unit can run the programs by connecting units at the same time.

The Installation

Hanging or Installing Horizontally

The fixture can be placed on the floor and fixed and hung by the clamp which is specially matched. When hanging, you can fix the clamp through the middle spot and assist the rope to safeguard the fixture and the rope should bear the weight which is the ten times of the hanging object.

Trouble-shooting

Trouble Phenomenon	The Checking Items	Solutions
There is strobe for the lighting.	1. Check if the st setting items are right.	1. If there is no need for strobe, the setting of sb item is 00.
The unit can not work.	1. Check if the input voltage is suitable. 2. Check if the fuse is broken.	1. Check if the input voltage is the same with the unit voltage. 2. Change into the same model of fuse.
LED is too dim.	1. Check if the input voltage is suitable.	1. Confirm the input voltage the same with the unit voltage.
The audio function is unavailable.	1. Check if it is under audio mode.	1. The audio mode.
DMX can not receive.	1. Check if the DMX signal polarity is opposite. 2. Check if the work mode is DMX.	1. Dial the right DMX signal polarity. 2. Set up the DMX work mode.